

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Libra et al.

Attorney Docket No. BO1-0327US
(formerly 00-348A)

Serial No.: 10/008,234

Group Art Unit: 3623

Filing Date: November 7, 2001

Examiner: Van Doren, Beth

Title: SYSTEM AND METHOD FOR COLLABORATIVE ACTION

DECLARATION UNDER 37 C.F.R. §1.131

As a below named inventor, I hereby declare that:

I am an inventor of the subject matter which is claimed and for which a patent is sought in the application entitled "System and Method for Collaborative Action," as identified above.

We conceived the invention in the United States prior to the October 24, 2000 priority date of U.S. Publication No. US2007/0192155 to Gauger *et al.* (hereinafter, "Gauger Publication").

Attached to this declaration is evidence documenting that the invention was conceived prior to October 24, 2000, which predates the date of the Gauger Publication. In particular, attached hereto as that evidence is an Exhibit A that includes redacted portions of a "Boeing Invention Disclosure" (hereinafter "Invention Disclosure") dated October 16, 2000. The Invention Disclosure provides the names of the inventors and description of the invention. Although the "Date Conceived" information in the "State of Development" section of the "Invention Disclosure" has been redacted, I declare that the conception date occurred prior to October 24, 2000.

Reduction to practice is evidenced by the following:

- (1) The "Date Built" and the "Date Satisfactorily Tested" information in the "State of Development" section of the "Invention Disclosure". Although these dates have been redacted from the "Invention Disclosure", I declare that these dates occurred prior to October 24, 2000.

- (2) The subsequent filing of a provisional U.S. Patent Application, 60/246,930, from which this application claims priority, on November 8, 2000.

Furthermore, additional non-essential portions of Exhibit A have also been redacted.

All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Signed this 29th day of October, 2007 at Lake Stevens, WA



Douglas F. Libra

Gerald C. Lee

- 2 -

60483

CUSTOMER NUMBER

801-0327US

Disc. No. 00-348A

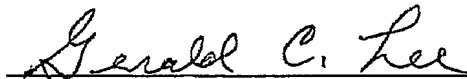
- (2) The subsequent filing of a provisional U.S. Patent Application, 60/246,930, from which this application claims priority, on November 8, 2000.

Furthermore, additional non-essential portions of Exhibit A have also been redacted.

All statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statement may jeopardize the validity of the application or any patent issued therefrom.

Signed this 29 day of OCTOBER, 2007 at EVERETT, WA

Douglas F. Libra



Gerald C. Lee

- 2 -

60483

CUSTOMER NUMBER

BO1-0327US

Disc. No. 00-348A

INVENTION DISCLOSURE

Page 1 of _____

Supplier Test Web Site							
INVENTOR NAME (FIRST, M.I., LAST): Douglas F. Libra		INVENTOR NAME (FIRST, M.I., LAST): Gerald C. Lee		INVENTOR NAME (FIRST, M.I., LAST): N/A		INVENTOR NAME (FIRST, M.I., LAST): N/A	
SOCIAL SECURITY NO. [REDACTED]		SOCIAL SECURITY NO. [REDACTED]		SOCIAL SECURITY NO.		SOCIAL SECURITY NO.	
ORG. NO. E-1118	MAIL STOP 04-KF	ORG. NO. E-1145	MAIL STOP 04-KL	ORG. NO.	MAIL STOP	ORG. NO.	MAIL STOP
PHONE 425-286-8748		PHONE 425-286-4301		PHONE		PHONE	
Home Address		Home Address		Home Address		Home Address	
Street: 12804 17 th Street NE City/State/Zip: Lake Stevens, WA 98258		Street: 18628 NE 146 th Vly City/State/Zip: Woodinville, WA 98072		Street: City/State/Zip:		Street: City/State/Zip:	
Citizenship: U.S.		Citizenship: U.S.		Citizenship:		Citizenship:	
[REDACTED]							
STATE OF DEVELOPMENT (See Remarks On Back)							
DATE CONCEIVED [REDACTED]	<input type="checkbox"/> CONCEPT ONLY <input type="checkbox"/> PROVEN ANALYTICALLY <input checked="" type="checkbox"/> DESIGN COMPLETE	DATE BUILT [REDACTED]	DATE SATISFACTORILY TESTED [REDACTED]	[REDACTED]			
APPLICATION OF THE INVENTION							
[REDACTED]							

DO NOT WRITE BELOW THIS LINE

DISCLOSURE NO. 00-348	DATE RECEIVED 2000		IRE BWH	Lead IRE BWH	Tech Cont CCC	IPA TWV
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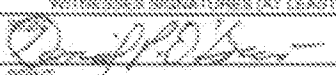
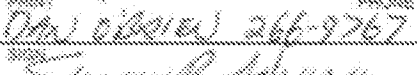
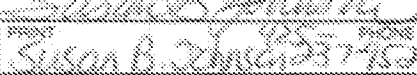
BOEING
CENTRAL PATENT ENGINEERING

Introduction: Briefly introduce the subject associated with your invention.

Response: This invention is a web based application that performs functions associated with testing activities.

Invention Description:

Response: Refer to 3 enclosures: 1) [REDACTED] 2) [REDACTED] 3) Users Manual -- for Boeing.

THE FOREGOING WAS EXPLAINED TO AND UNDERSTOOD BY ME				INVENTOR(S) SIGNATURE			
WITNESSES SIGNATURES (AT LEAST TWO)	DATE	ORGN. NO.	MAIL STOP	FIRST	M. I.	LAST	DATE
	[REDACTED]	E-1118	17-51	Don		Donald C. O'Brien	[REDACTED]
	[REDACTED]	66000	66000	Susan		Susan B. Johnson	[REDACTED]
	[REDACTED]	66000	66000	Susan		Susan B. Johnson	[REDACTED]
DISCLOSURE NO. (ASSIGNED BY PATENT STAFF)		DATE RECEIVED					
00-348		OCT 16 2000					

DS-6000 (1-98 REV 11-98) modified 01/04/99

BOEING
CENTRAL PATENT ENGINEERING

File: Invention disclosure.doc [REDACTED] 18.12 PM

Supplier Test Web Site
Users Manual – for Boeing

Rev. New



[REDACTED]

[REDACTED]

Index



[REDACTED]

Definition

A horizontal bar chart comparing the percentage of respondents who believe the U.S. should take action to address climate change, categorized by age group and gender. The y-axis lists age groups from 18-29 to 65+. The x-axis shows percentages from 0% to 100%. For each age group, there are two bars: a blue bar for 'All' respondents and a red bar for 'Men'. The data is as follows:

Age Group	All (%)	Men (%)
18-29	85	85
30-39	80	80
40-49	75	75
50-59	70	70
60-69	85	85
70-79	75	75
80-89	70	70
90+	75	75
18-29	85	85
30-39	80	80
40-49	75	75
50-59	70	70
60-69	85	85
70-79	75	75
80-89	70	70
90+	75	75



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

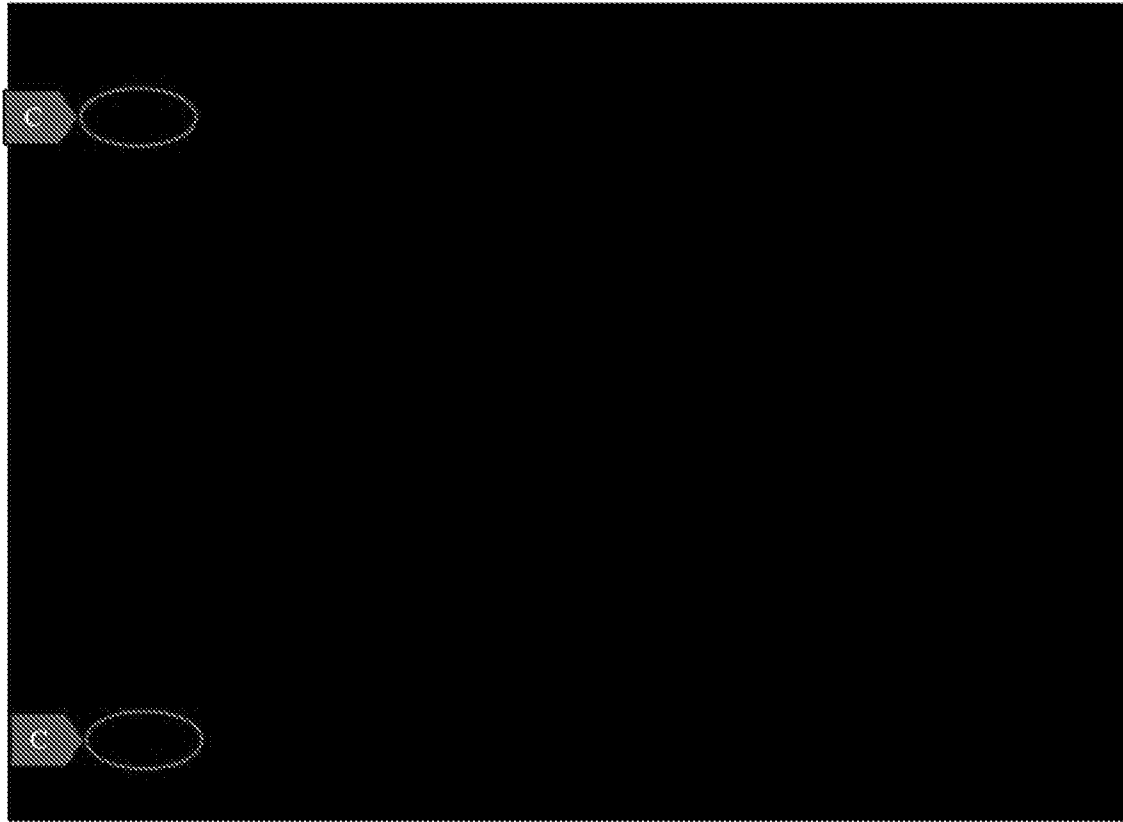
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b

[REDACTED]

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C

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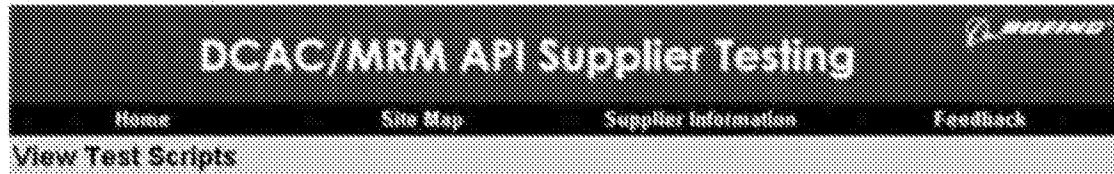
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4. Test Scripts' Top Page.



Supplier - Fuji Heavy Industries

Script Number	Title
FM1	Basic Release
FTU61SCML-01	Initial Supplier Custom Module List
FTU61SCML-02	Revised Supplier Custom Module List
FTU61SCML-03	Supplier Custom Module List with BCP Removed
FTU61SMPL-01	Initial Supplier Module Parts List for Module
FTU61SMPL-02	Revised Supplier Module Parts List for Module
FTU61SMPL-03	Supplier Module Parts List for Exception Module
FTU61SMPL-04	Supplier Module Parts List when using Picture Sheet
FTU61SMPL-05	Supplier Module Parts List for Module in Developmental Phase



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- D Upon selection of "Test Scripts" from the Home Page, the View Test Scripts screen will display. This screen displays the complete list of test scripts for one Supplier. By selecting a "Script Number", users can view the step-by-step instructions for a given test script.

5. Example of Viewing Test Script.



Supplier - Fuji Heavy Industries

Script Number - FTU616SCML-01

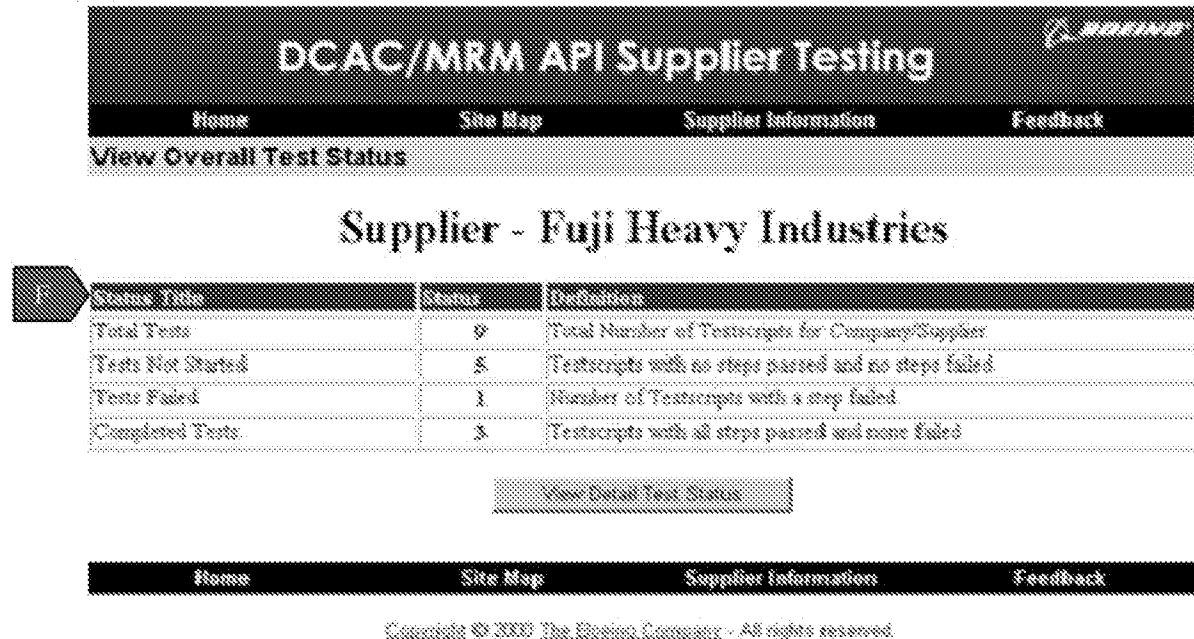
Script Title - Initial Supplier Custom Module List

E	Day	Step Number	Job Role	Site	Action
		10		Boeing	Create SNET occurrence with a Distributable Product of SCML when ASCT changes state
		20		Boeing	Change the ASCT to "CAO" State in Manufacturing view to create Distribution Occurrence
		30		Boeing	Create STEP Files for SNET occurrences with a Distributable Product of SCML. When Client has completed look for the following statements: nfail = 0, nplOccStatus = TRANSFERRED total Occurrence processed = (# of SNET Occurrences for SCML) If there was a failure: nfail = # of failures, nplOccStatus=INFOBK To determine current client directory. Type "dirstat -s ECoc232Client" then change to that directory when you are ready to run client. Depending on what environment you are running the clients, the actual directory path will vary. At Local Window in Unix type the following example: Example: cd /opt/ibm/_aplms/ibm_pdm_server/ECoc232Client
		40		Boeing	Verify SNET Occurrence Status = "Transferred". (Bring up SNET Occurrence Screen) QUERY->DISTRIBUTION->PDM SNET OCCURRENCES

Upon selection of a test script number from the "View Test Scripts" screen, the "View Single Test Script" screen will display. Each test step has the potential of having the following information about it:

- Day: The day this test step is planned to be executed.
- Step Number: The number associated with the test step. This number dictates the order in which the test steps are displayed.
- Job Role: The "type" of person/organization responsible for this test step (i.e. engineer, manufacturing engineer, procurement agent, etc.).
- Site: Which company is responsible for this test step - either "Boeing" or "Supplier".
- Action: The actual words that explains what actions are to be taken for this test step.

6. Viewing Overall Test Status.



The screenshot shows a web application titled "DCAC/MRM API Supplier Testing" with a logo in the top right corner. Below the title is a navigation bar with links: Home, Site Map, Supplier Information, and Feedback. A link labeled "View Overall Test Status" is visible. The main heading is "Supplier - Fuji Heavy Industries". Below this is a table with three columns: Status Title, Status, and Definition. The table contains four rows of data. Below the table is a button labeled "View Detail Test Status". At the bottom is another navigation bar with links: Home, Site Map, Supplier Information, and Feedback. The footer text reads: "Copyright © 2000 The Boeing Company - All rights reserved."

Status Title	Status	Definition
Total Tests	9	Total Number of Testscripts for Company/Supplier
Tests Not Started	5	Testscripts with no steps passed and no steps failed
Tests Failed	1	Number of Testscripts with a step failed
Completed Tests	3	Testscripts with all steps passed and none failed

View Detail Test Status

Home Site Map Supplier Information Feedback

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Upon selection of "Test Status" from the Home Page, the View Overall Test Status screen will display. This screen displays a summary view of how the testing is proceeding. The information displayed on this screen is gathered from each individual test script. Users can view the status of each individual test script by selecting the "View Detail Test Status" button. The following describes the information displayed on this screen:

- **Status Title:** The test status is grouped into four categories: Total Tests; Tests Not Started; Tests Failed; and Completed Tests. The definitions of each category is displayed in the "Definition" column.
- **Status:** The number of test scripts that meet the definition of each category.
- **Definition:** The definition of each test status category.

7. Viewing Detail Test Status.

DCAC/MRM API Supplier Testing 						
Home Site Map Supplier Information Feedback						
View Detail Test Status						
Supplier - Fuji Heavy Industries						
Script Number	Title	Last Pass/Fail Step	Status	Total Steps	% Complete	
FHI 1	Basic Release	37  	Complete	37	100%	
FTU616DCML-01	Initial Supplier Custom Module List	200  	In Work	21	92%	
FTU616DCML-02	Revised Supplier Custom Module List	210  	Complete	23	100%	
FTU616DCML-03	Supplier Custom Module List with SCP Removed	210  	Complete	23	100%	
FTU616SMPL-01	Initial Supplier Module Parts List for Module	 	Not Started	23	0	
FTU616SMPL-02	Revised Supplier Module Parts List for Module	 	Not Started	23	0	
FTU616SMPL-03	Supplier Module Parts List for Exception Module	 	Not Started	23	0	
FTU616SMPL-04	Supplier Module Parts List when using Picture Sheet	 	Not Started	23	0	
FTU616SMPL-05	Supplier Module Parts List for Module	 	Not Started	23	0	

6 Upon selection of "View Detail Test Status" button from the "View Overall Test Status" screen, the View Detail Test Status screen will display. This screen displays the status of each individual test script. The following describes the information displayed on this screen:

- Script Number: The number assigned to this test script.
- Title: The title assigned to this test script.
- Last Pass/Fail Step: The last step that has either a pass or fail status. This column also has a drop down box that allows the user to select which test step that they would like to view.
- Status: The overall status of this test script.
- Total Steps: The total number of test steps for a given test script.
- % Complete: The percent complete for a given test script (i.e. the number of steps that have a pass or fail status divided by the total number of steps times 100).

8. Selecting an Individual Test Step.

DCAC/MRM API Supplier Testing

Home

Site Map

Supplier Information

Feedback

View Detail Test Status

Supplier - Fuji Heavy Industries

Scriptnumber	Title	Last Pass/Fail Step	Status	Total Steps	% Complete
FHI 1	Basic Release	37 37	Complete	37	100%
FTU616SCML-01	Initial Supplier Custom Module List	20 19	In-Work	21	95%
FTU616SCML-02	Revised Supplier Custom Module List	21 22	Complete	21	100%
FTU616SCML-03	Supplier Custom Module List with SCP Removed	21 25	Complete	21	100%
FTU616SMPL-01	Initial Supplier Module Parts List for Module	27 27	Not Started	21	0
FTU616SMPL-02	Revised Supplier Module Parts List for Module	29 30	Not Started	21	0
FTU616SMPL-03	Supplier Module Parts List for Encryption Module	32 33	Not Started	21	0
FTU616SMPL-04	Supplier Module Parts List when using Picture Client	34 35	Not Started	21	0
FTU616SMPL-05	Supplier Module Parts List for Module	35 36	Not Started	21	0

H

This screen shows the drop down list of test steps that the user can select from, when they want to view the details of a particular test step, or to enter test results for a particular test step.

9. Viewing Individual Test Step/Enter Test Results.

DCAC/MRM API Supplier Testing

Home Site Map Supplier Information Feedback

Enter Test Results View Detail Status View Detail Status

Enter Test Results - Fuji Heavy Industries

Pass/Fail **Results** **Remarks**

Pass

Remarks

Test Script Title	Test Script Number	Day	Step	Site	Job Role
Basic Release	FHI 1	3	20	Supplier	Business Office

Test Script Action

DCCB ? Review and approval of job package ? Decide incorporation point ? Approve DCP ? Distribute DCP results ? Maintain DCCB Database ? Maintain OCL Database

Upon selection of a test step and the “get” button from the “View Detail Test Status” screen, the Enter Test Results screen will display. The user will be able to enter “Pass” or “Fail”, Results, and Remarks for this test step. The Results and Remarks are text boxes. Upon selection of the “Submit” button, the Pass/Fail, Results, and Remarks information will be saved in the web server’s database, along with the date/time and user ID of the person who is submitting this information.

This screen also displays the same type of information that would be displayed to the user if they were viewing this test script’s step (i.e. test script title, number, day, step, site, job role, and test script action).

10. Submit an Issue.

DCAC/MRM API Supplier Testing

Home Site Map Supplier Information Feedback

Submit a New Issue Issue Reports All Items Open Pending Closed

Supplier - Fuji Heavy Industries

*Fields marked with * are required.*

Title*

Description*

Problem Category

Problem Sub Category

Test Phase

Script

Submit **Reset**

After the Submit button is selected, an Issue Number will be generated and displayed for you.

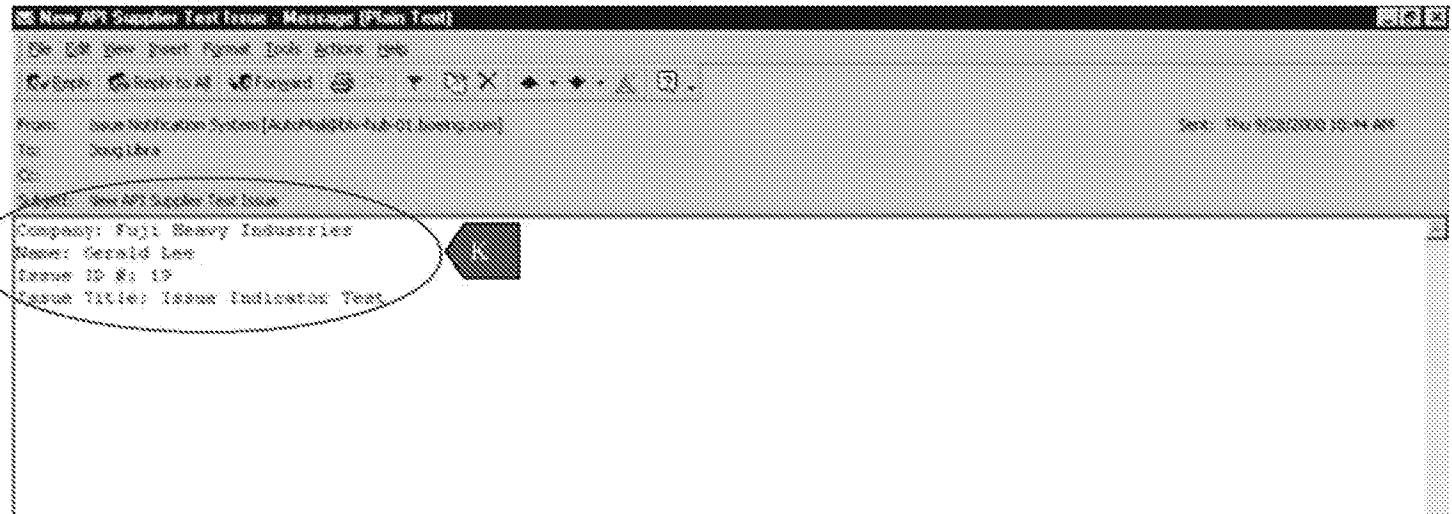
Boeing users can submit an issue, on behalf of a Supplier. Upon selection of the "Submit a New Issue" link from the "Issues" screen, the Submit a New Issue screen will display. The user will have the capability to submit a new issue, via the form on this screen. There are six fields on this form, but only two are required.

- **Title:** Required Field, enter a descriptive title for your issue.
- **Description:** Required Field, enter a description that adequately describes your issue.
- **Problem Category:** Optional Field, select the appropriate item in the drop-down list.
- **Problem Sub-Category:** Optional Field, select the appropriate item in the drop-down list.
- **Test Phase:** Optional Field, select the appropriate item in the drop-down list.
- **Script:** Optional Field, select the appropriate item in the drop-down list.

Notes:

1. After the issue form is filled out, and the "Submit" button is selected, an issue number will be generated and displayed for you.
2. Users are highly encouraged to view the "Issue Process" prior to entering a new issue. To view the "Issue Process", select the "Issue Tracking Flow" link from the "Issues" screen. Users are also encouraged to view the "Issue Criteria Matrix" prior to entering a new issue. To view the "Issue Criteria Matrix", select the "Criteria Matrix" link from the "Issues" screen.
3. Users will be able to view status of their issues by selecting the "Issue Reports" screen, then selecting the appropriate issue report.

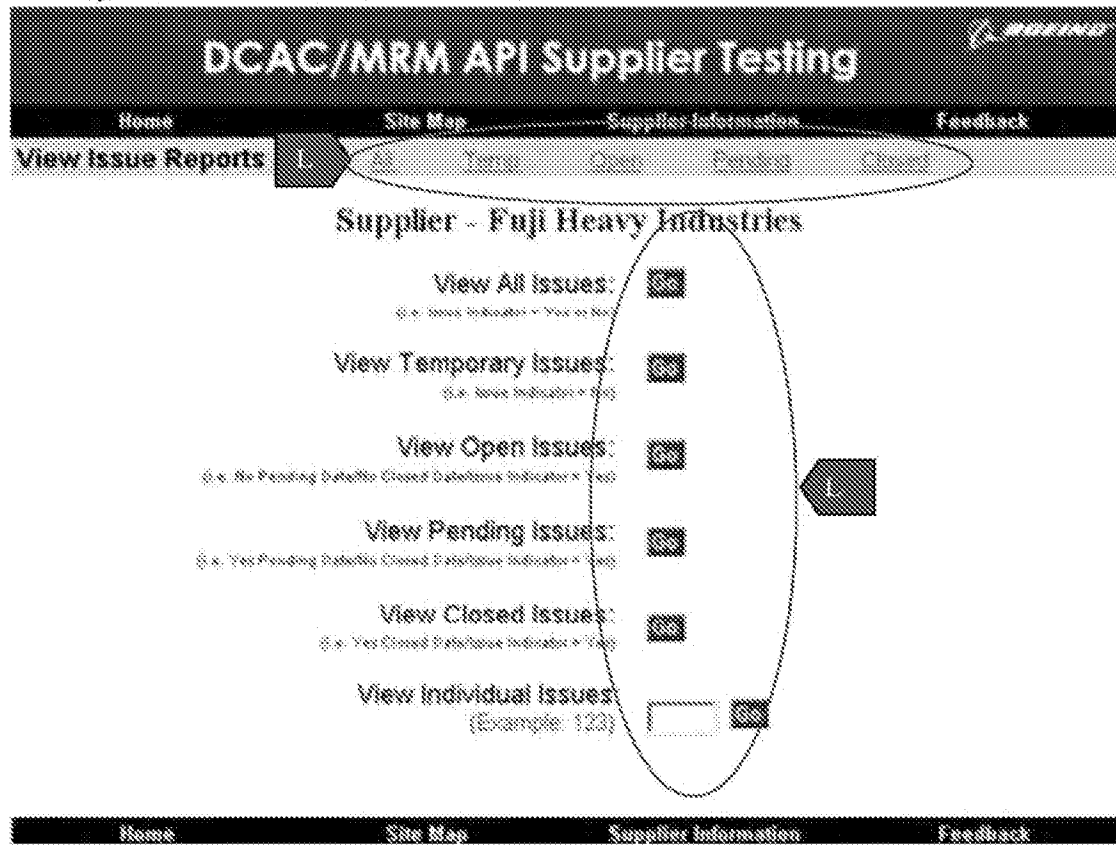
11. New Issue Notification – Email Message.



K Once a Supplier or Boeing user selects the “Submit” button on the “Submit a New Issue” screen, the information is stored in the database, and an email notification message (like the one above) is sent to a predefined list of Boeing people. The email message will contain the following fields:

- Subject: It will always state “New API Supplier Test Issue”.
- Company: Lists the Supplier’s company name.
- Name: The name of the individual who submitted the issue.
- Issue ID #: The issue ID number that was assigned by the database.
- Issue Title: The title of the issue that the person who submitted the issue gave it.

12. Various Ways to View Status of Issues.



L Upon selection of the “View Issue Reports” link from the “Issues” screen, the View Issues Reports screen will display. The user will have the capability to select five canned reports, plus a way to get status on an individual issue.

- **View All Issues:** This report returns all issues – Temporary, Open, Pending, or Closed.
- **View Temporary Issues:** This report returns only those issues that have the “issue indicator” set as “No”. The issue indicator is controlled by Boeing, and will only be set to “yes” if Boeing determines that the issue submitted is, in fact, an issue.
- **View Open Issues:** This report returns only those issues that have no Pending Date, no Closed Date, and the Issue Indicator is “Yes”.
- **View Pending Issues:** This report returns only those issues that have a Pending Date, but no Closed Date, and the Issue Indicator is “Yes”.
- **View Closed Issues:** This report returns only those issues that have a Closed Date, and the Issue Indicator is “Yes”.
- **View Individual Issue:** The user will have the ability to enter an individual issue number in the text field, then select the “Go” button. Only the status of the individual issue that the user entered into the text box will be returned.

13. Example: Status of “All” Issues.

DCAC/MRM API Supplier Testing

Home Site Map Supplier Information Feedback

Status of "All" Issues

Supplier - Fuji Heavy Industries

1226

Issue ID: 3 Issue Indicator: N

Title	Test	Description	Test
Start Date	9/25/00	Status	
Assign Date			
Due Date			
Pending Date			
Slip Date			
Closed Date			
Responsible Person		Organization	
Support Person 1		Organization	
Support Person 2		Organization	
Support Person 3		Organization	
Support Person 4		Organization	

Action Item Status

Upon selection of the “View All Issues” button from the “View Issue Reports” screen, the Status of “All” Issues screen will display. Only five issues will be displayed on each page, with the most recent issues listed first. If there are more than five issues for any report, the user will have the ability to select the next five issues by selecting page “2”, and so on. The data associated with each issue is explained as follows:

- **Issue ID:** This is the issue number assigned by The Boeing Company.
- **Issue Indicator:** This indicator is used to communicate whether Boeing has agreed that the issue submitted is, in fact, an issue. “N” represent “No”, and “Y” represents “Yes”.
- **Title:** This is the same issue title that was submitted on the “Submit an Issue” screen.
- **Description:** This is the same description that was submitted on the “Submit an Issue” screen.
- **Start Date:** This is the date in which the issue was received by Boeing.
- **Assign Date:** This is the date that Boeing first looked at the issue.
- **Due Date:** This date is used to communicate the anticipated resolution date. This date is initially set at 10 days into the future, but can be changed.
- **Pending Date:** This date contains the estimated date of Boeing resolve.
- **Slip Date:** This date contains a new Pending Date, if there is one.
- **Closed Date:** This date contains the date that Boeing and the Supplier concur that the issue has been resolved.
- **Status:** This field contains textual information that summarizes the progress of this issue’s resolution.

[illegible]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1

2

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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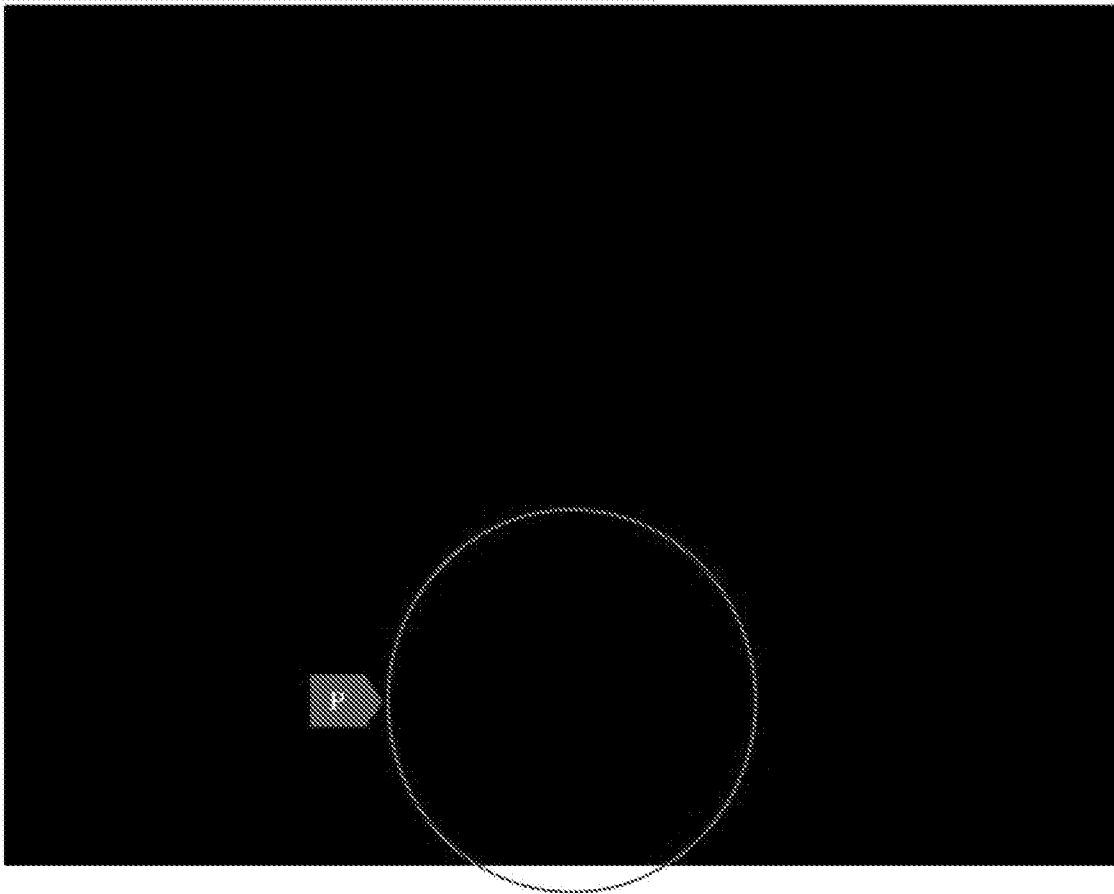
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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Q

Q

18. View Test Plans.



- R Upon selection of the "Test Plan" link from the "Home Page", the View Test Plan screen will display. This screen will contain a link to the appropriate test plan(s).

19. View Test Schedule.



- 5 Upon selection of the "Test Schedule" link from the "Home Page", the View Test Schedule screen will display. Select the "Test Schedule" link on this page to see the actual test schedule.

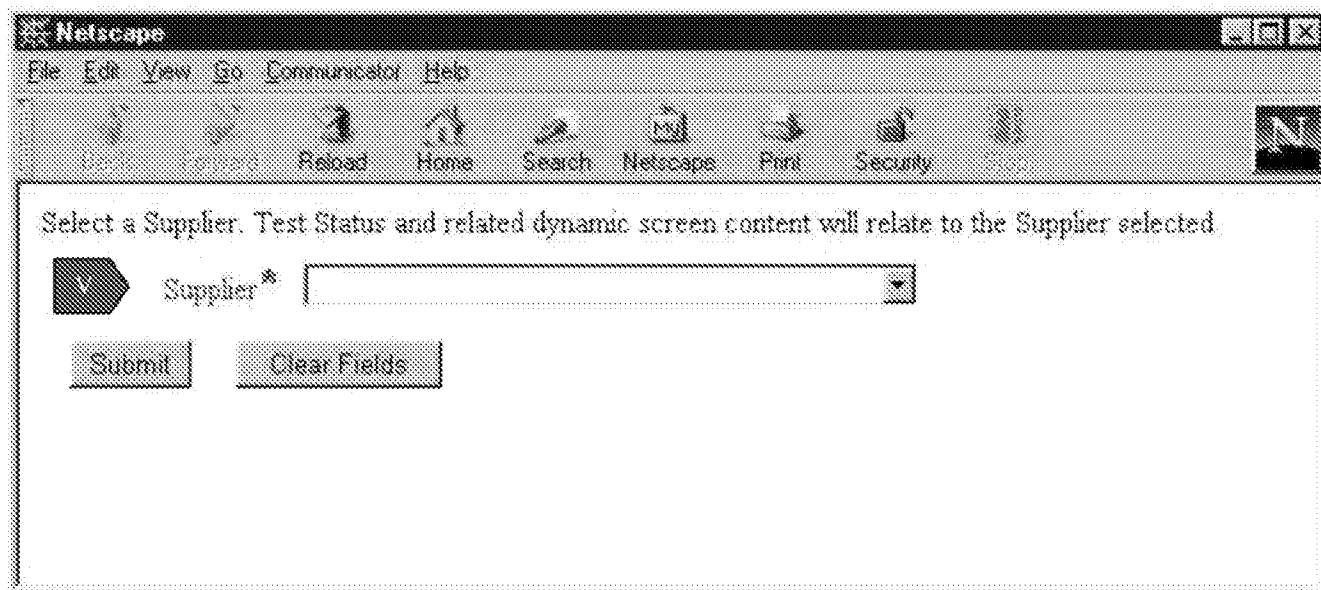
20. View Telecon Schedule.



1 Upon selection of the "Telecon Schedule" link from the "Home Page", the View Telecon Schedule screen will display. Select the "Telecon Schedule" link on this page to see the actual telecon schedule.



22. Select a Supplier Pop-up Window.



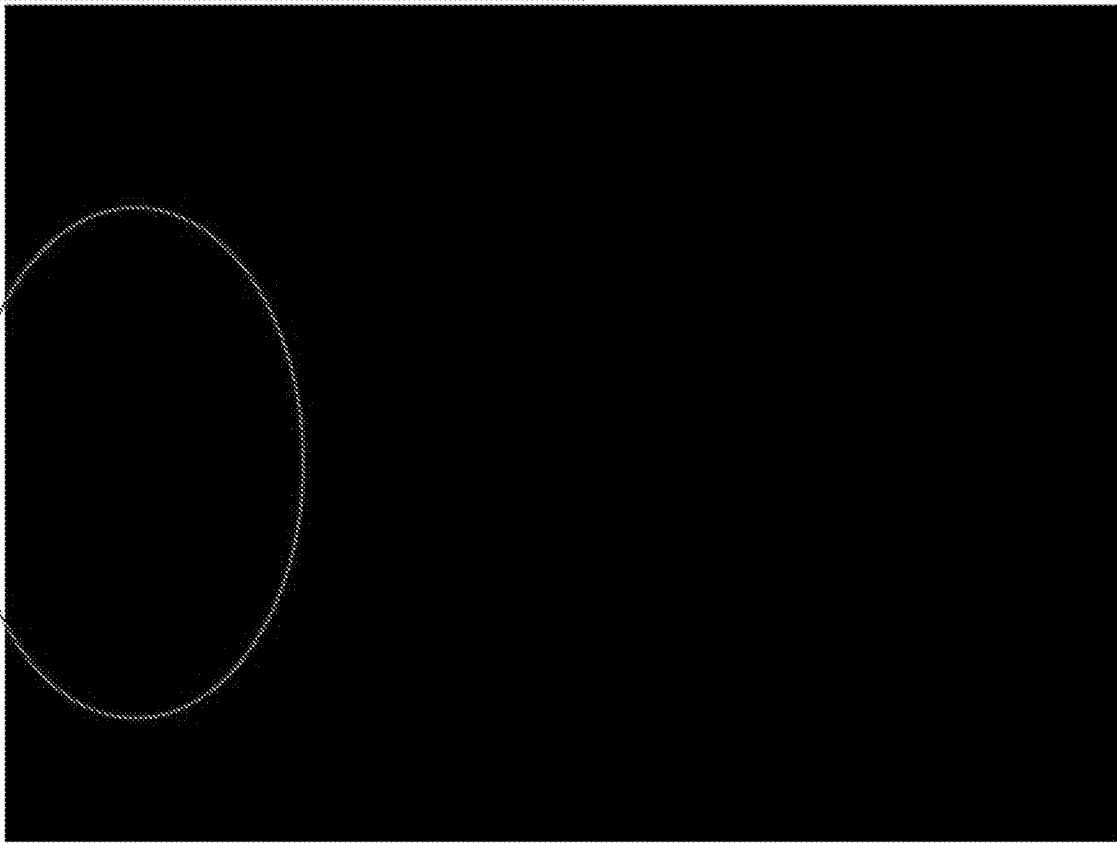
- Upon selection of the "Select a Supplier" link from the "Home Page", the above pop-up window will be displayed. Select a Supplier from the drop-down list. Upon selection of the "Submit" button, the Boeing users' "view company" will change to whatever company was selected from the list.



[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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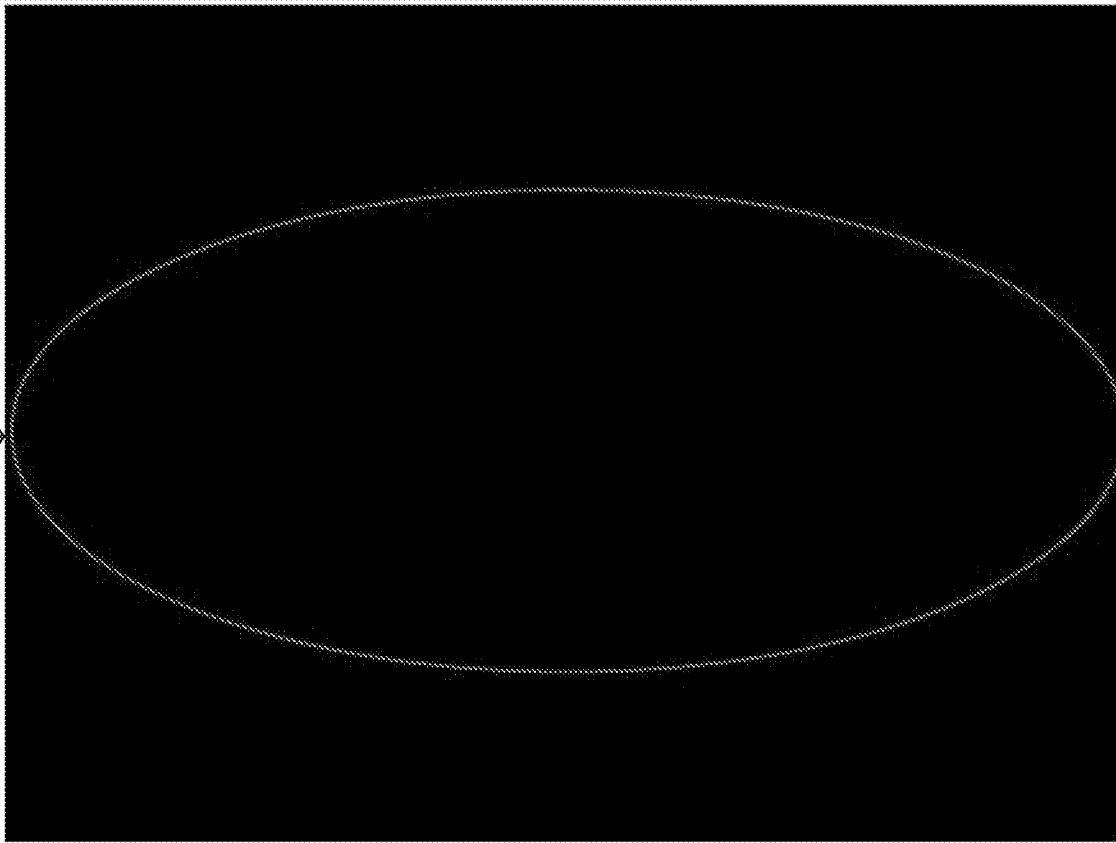
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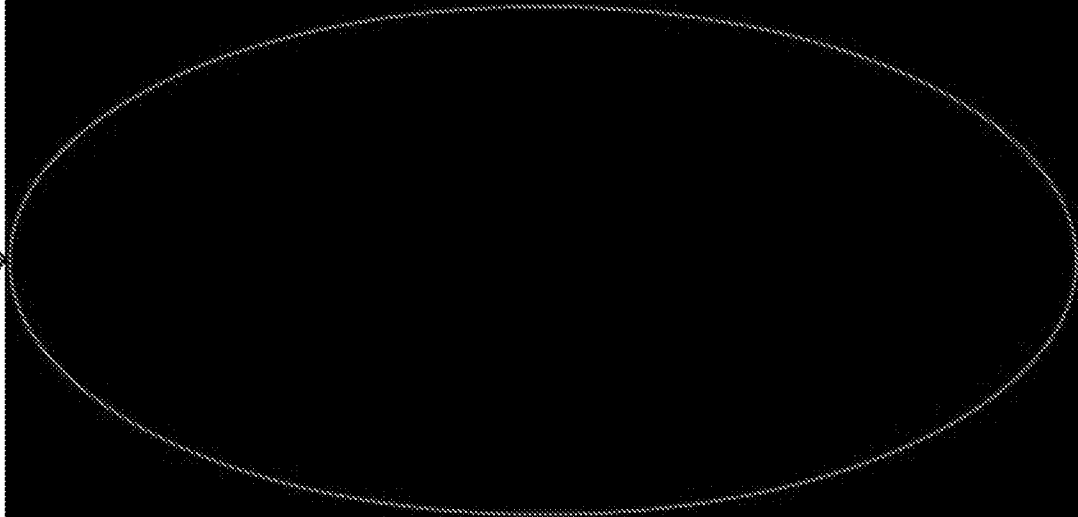
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11



12

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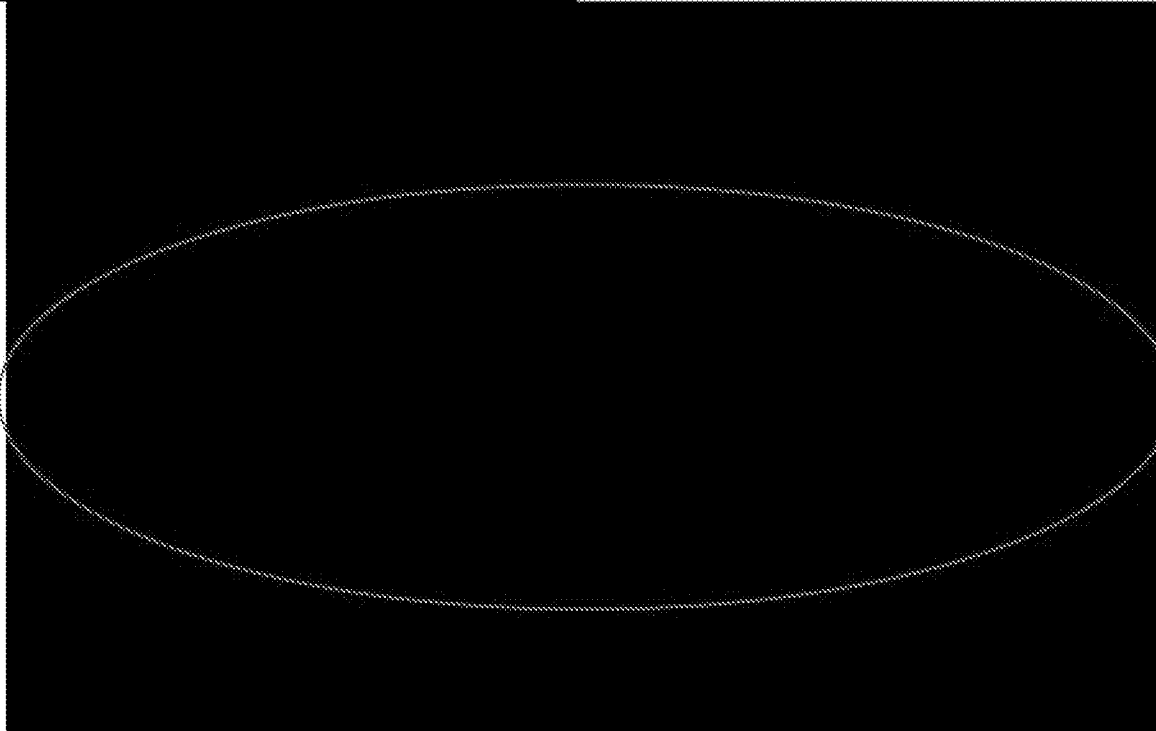
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[REDACTED]



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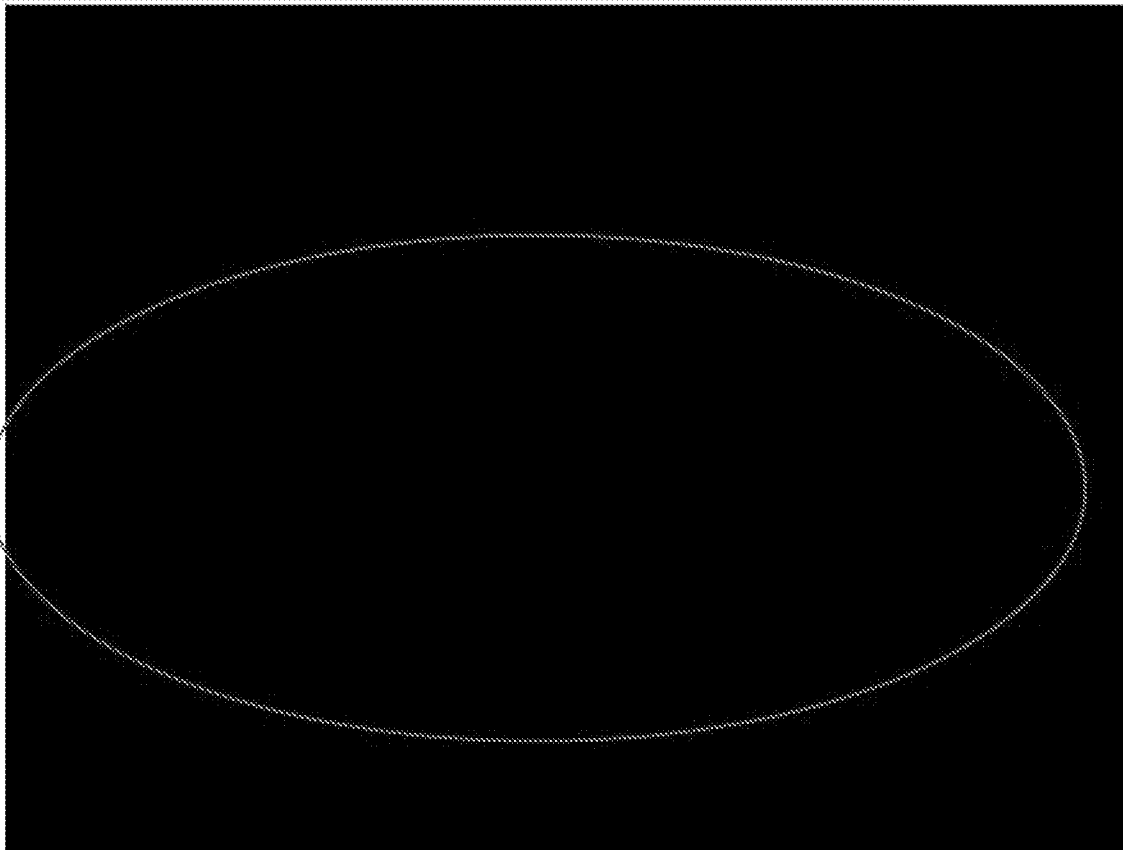
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AD

[REDACTED]

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11



12

[REDACTED]

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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

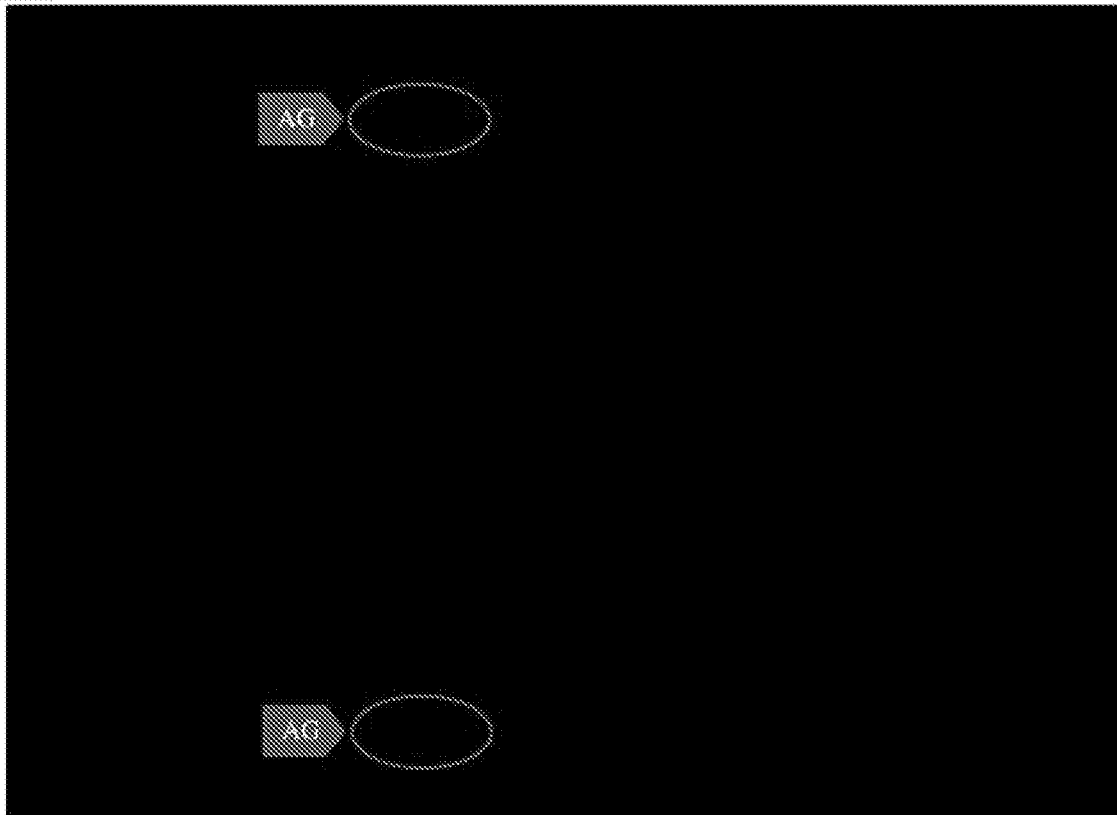
AT

AT

[REDACTED]

[REDACTED]

[REDACTED]



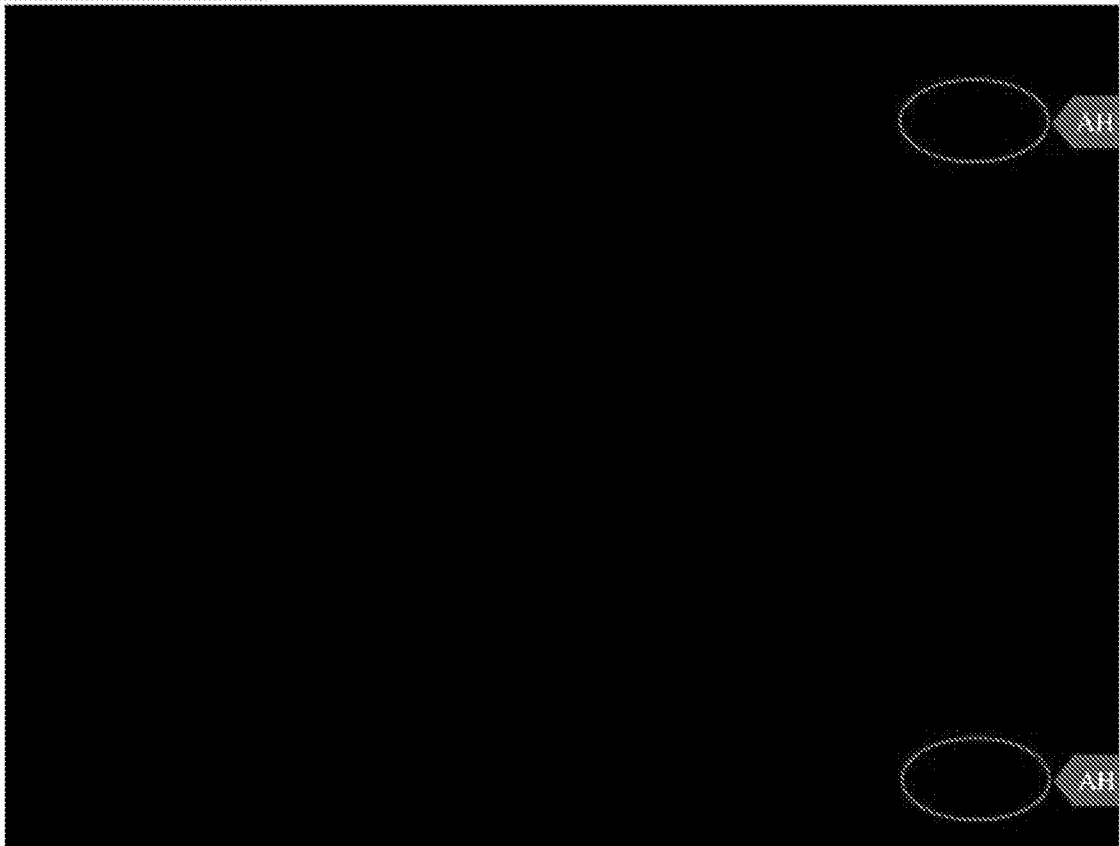
AG

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



[REDACTED] AH

[REDACTED]